

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	123	sirna.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/29 08:45
S2	447	synuclein SNCA \$-synuclein synuclein-\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/29 08:47
S3	314	Ribozyme.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/29 08:47
S5	1	(S1 and S2) (S2 and S3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/29 08:50
S6	15	(parkinson and S1) (parkinson and S3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/29 08:51
S7	366	(siNA siRNA RNA down\$1regulation (down adj regulation) (gene near4 expression) (gene near4 inhibition)) and (S1 or S3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/29 08:54
S8	15	S7 and parkinson and (S1 or S3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/29 08:57
S9	1	PARK1 and (S1 or S3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/29 08:57

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	644	short near1 interfering	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/04 14:50
L2	202336	oligonucleotide polynucleotide (nucleic adj acid)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/04 14:51
L3	95061	(L2 and modification) (L2 and phospho\$thioate) (L2 and cap) (L2 and glyceryl near4 (cap or end))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/04 14:55
L4	426	L3 and L1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/04 14:55
L5	71	L4 and glyceryl	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/04 14:56
L8	94321	modified and L2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/04 14:59
L9	1416	L8 and interfering near2 RNA	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/04 15:04
L10	1206	L9 and double adj stranded	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/04 15:00
L11	55	L10 and (fully or completely) adj modified	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/04 15:01
L12	51	L11 and (RNAi or (RNA adj interference))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/04 15:02

L13	66961	oligonucleotide and modified	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/04 15:08
L14	44607	polynucleotide and modified	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/04 15:09
L15	501792	nucleic acid and modified	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/04 15:09
L16	3280	"2'-O-methyl"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/04 15:09
L17	23	"2'-O-fluoro"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/04 15:10
L18	2204	"2'-deoxy"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/04 15:10
L19	417942	phosphorothioate phosphothioate sulfur	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/04 15:11
L20	15817	ribonucleotide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/04 15:11
L21	58531	antisense (rna adj interference) rnai	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/04 15:11
L22	93686	(L13 L14 L15 L20) and (L16 L17 L18 L19)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/04 15:13

L23	16718	L22 and L21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/04 15:13
L24	12783	L23 not @py<"2002"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/04 15:14
L25	603	L24 and isis.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/04 15:15
L26	11054	L24 and therapeutic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/04 15:15

SUMMARY OF INVENTION

Modulating the expression of PARK1 (SNCA) (synuclein-1), possibly as a treatment for Parkinson's disease, using short interfering nucleic acids (siNA), RNA, miRNA, or siRNA.

KEYWORDS: PARK1, SNCA, synuclein-1, alpha-nuclein, beta-nuclein, presynaptic protein, Parkinson's disease, PD, RNA interference, RNAi, short interfering nucleic acids, siNA, siRNA, gene silencing, gene expression inhibition, gene expression modulation, suppression, down regulation.

CONCEPTS FOR INITIAL DIALOG SEARCH

S park(w)(1 or I)
S snca
S synuclein or (a or alpha or beta or b)(w)synuclein or synuclein(w)(1 or I)
S presynaptic(w) protein
S Parkinson?
S rna(w)interference
S short(w)interfere?(w)(rna or rna? Or nucleic or oligo or oligonucleotide?)
S rnai or rna(w)intefer?
S gene(w)expression
S gene(s)(inhibit? Or express? Or modulat? Or suppress?)

SEARCH RESULTS